

A/ subpixel and said blue outputting subpixel are arranged as a main pixel unit using said subpixel for luminance.

REMARKS

The foregoing Preliminary Amendment to the claims were made solely to avoid filing the claims in the multiple dependant form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserve their right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

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## APPENDIX

### Amended Claims

4. (amended) A liquid crystal display apparatus according to ~~any~~  
~~of Claims 1 and 3~~ claim 1 characterized in that: when  $\alpha$ ,  $\beta$  and  $n$   
are predetermined real numbers and when a maximum value which  
digital values of said red inputting subpixel, said green inputting  
subpixel and said blue inputting subpixel can take is defined as  
MAX, said function of  $w=f(Y_{\min}, Y_{\max})$  is represented by a function  
of  $W=Max*\{(Y_{\min}+\alpha)+(MAX+\beta)\}^n$  by which a digital value for driving  
said luminance intensifying subpixel is obtained.

5. (amended) A liquid crystal displaying apparatus according to  
~~any one of Claims 1 to 4~~ claim 1 characterized in that: when a  
digital value of any of said red inputting subpixel, said green  
inputting subpixel and said blue inputting subpixel is a zero  
value, a value of said  $W$  is zero.

6. (amended) A liquid crystal display apparatus according to ~~any~~  
~~one of Claims 1 to 5~~ claim 1 characterized in that: said apparatus  
comprises:

storing means for storing a plurality of kinds of functions  
each represented by said function of  $W=f(Y_{\min}, Y_{\max})$ ; and

selecting means for selecting any of said plurality of kinds  
of functions represented by said function of  $W=f(Y_{\min}, Y_{\max})$  stored  
by said storing means.

7. (amended) A liquid crystal display apparatus according to ~~any one of claims 1 to 6~~claim 1, wherein said red outputting subpixel, said green outputting subpixel and said blue outputting subpixel are arranged to form a main pixel unit without using said subpixel for luminance in accordance with a predetermined control signal, thereby to enable the apparatus to be used as a liquid crystal display apparatus capable of color-displaying.

8. (amended) A liquid crystal display apparatus according to ~~any one of claims 1 to 6~~claim 1, wherein it is made possible based on a predetermined control signal to perform an image display in which said red outputting subpixel, said green outputting subpixel and said blue outputting subpixel are arranged as a main pixel unit without using said subpixel for luminance, and at the same time an image display in which said red outputting subpixel, said green outputting subpixel and said blue outputting subpixel are arranged as a main pixel unit using said subpixel for luminance.